IN THE SPECIFICATION:

Please amend the first paragraph on page 10 (lines 1-9) of the specification to read as follows:

"is consumed. On average there are 2.73 hops per customer in the 4-hop case, and 3.38 hops in the 5-hop case.

4 hops:
$$(8 \times 1 + 16 \times 2 + 24 \times 3 + 15 \times 4) / 63 = 172 / 63 = \frac{2.72}{2.73}$$

5 hops: $(8 \times 1 + 16 \times 2 + 24 \times 3 + 32 \times 4 + 19 \times 5) / 99 = 335 / 99 = 3.38$

Thus traffic flowing to the sink will require a capacity of $2.72 \ 2.73 \ x$ 12.6 Mbit/s = 34.3 Mbit/s (4 hops) and 3.38 x 19.8 Mbit/s = 66.9 Mbit/s (5 hops). The capacity factor using 5 hops compared to 4 is $2.722.73 \ / \ 3/38 = 0.80$ (or 34.3/66.9*100/64), while the factor of sinks necessary is 0.64. (i.e. the capacity is reduced by 20%, but there are 36% fewer sinks required)."